

Security Analyst to Security Architect

A CAREER-MAPPED LEARNING JOURNEY



Security Analyst to Security Architect

With new security threats appearing daily, security is a very important part of any organization. In this journey, you will explore different security roles that play a big role in keeping organizations secure.

Analyze, identify, mitigate, and prevent the theft of valuable data. Our Learning Journeys are the only role-based path towards Security Architects who plan and implement an organization's security policies.



This Learning Journey includes:

- More than 65 hours of learning
- 4 Final Exam Assessments
- Online Mentoring
- 365 days of access

Track 1: Security Analyst

Focus areas:

- ✓ APT Defences
- ✓ NACs & Gateways
- ✓ Subnetting, DNS & Protocols
- ✓ Hardened Security Topologies
- ✓ Continual Infrastructure Testing
- ✓ Security Governance
- ✓ Honeypots
- ✓ Pen Testing

Courses in this Track:

- An Executive's Guide to Security: Protecting Your Information
- An Executive's Guide to Security: Understanding Security Threats
- Cybersecurity 101: Auditing & Incident Response
- Cybersecurity 101: Session & Risk Management
- Information Security: APT Defenses
- Information Security: Continual Infrastructure Testing
- Information Security: Hardened Security Topologies
- Information Security: Honeypots
- Information Security: NACs & Gateways
- Information Security: Pen Testing
- Information Security: Securing Networking Protocols
- Information Security: Security Governance
- Information Security: Subnetting & DNS for Security Architects

Final Exam: Security Analyst

Track 2: Forensics Analyst

Focus areas:

- ✓ Anomaly Detection
- ✓ Digital Forensics
- ✓ Ethics & Privacy Issues
- ✓ Risk Analysis
- ✓ Basic Cryptology
- ✓ Security Software Assessments
- ✓ Security Audit
- ✓ End-user Security Awareness
- ✓ Cloud Security Implementation

Courses in this Track:

- End-User Security: The End-User Perspective
- End-User Security: The Security Administrator Perspective
- End-User Security: Securing End Users against Attackers
- Anomaly Detection: Network Anomaly Detection
- Digital Forensic Techniques & Investigative Approaches
- Ethics & Privacy: Digital Forensics
- Risk Analysis: Security Risk Management
- Cryptography: Introduction to Cryptography Services
- Cryptography: Introduction to PKI

Final Exam: Forensics Analyst

Track 3: Vulnerability Analyst

Focus areas:

- ✓ Authentication
- ✓ Authorization
- ✓ Encryption
- ✓ Secure Coding Practices
- ✓ Tracking Incidents
- ✓ Security Topologies
- ✓ Security Architectures

Courses in this Track:

- Security Vulnerabilities: Managing Threats & Vulnerabilities
- Intrusion Detection: Best Practices
- Intrusion Prevention: Best Practices
- Authentication & Encryption: Best Practices
- Security Topologies: Developing Secure Networks

Final Exam: Vulnerability Analyst

Track 4: Security Architect

Focus areas:

- ✓ Rules of Engagement
- ✓ Ethical Hacking
- ✓ Intelligent Orchestration
- ✓ Regulatory Mandates
- ✓ Automated Triage
- ✓ Unified Playbook
- ✓ Post-attack Reviews

Courses in this Track:

- Security Rules: Rules of Engagement
- Security Architect: Ethical Hacking Best Practices
- Intelligent Orchestration: Automating Security Incident Processing
- Regulatory Mandates: Security Program Regulatory Integration
- Data Security Breach Notification Process
- Security Incident Triage
- Unified Security: Playbook Approach to Security

Final Exam: Security Architect

Extra Learning:

Productivity Tools for Security Architects

- ✓ Asana Web
- ✓ Basecamp 3
- ✓ Confluence
- ✓ Convo
- ✓ Leveraging the JIRA Platform for Development Projects
- ✓ Microsoft Office 365 Teams
- ✓ Microsoft Office 365 Yammer
- ✓ Slack Web
- ✓ Slack 2016
- ✓ Trello

Business & Leadership for Security Architects

- ✓ Confronting Your Assumptions
- ✓ Understanding Unconscious Bias
- ✓ Identifying Risks in Your Organization
- ✓ Managing a Project to Minimize Risk and Maximize Quality
- ✓ Taking Your Team to the Next Level with Delegation
- ✓ Listening Even When it's Difficult to Listen
- ✓ Data Analysis and Root Cause Analysis in Six Sigma
- ✓ Managing for Operational Excellence
- ✓ Enabling Business Process Improvement

